## WHAT IS CLAIMED IS:

- 1. A method of bulk-dyeing partially crystalline plastics, which comprises using
- Q H
  a pigment containing at least one each of groups --C-- and --N--, which are joined to
  OH
  one another as --C-N-- or are in conjugation with one another, and

 $R_1$ ,  $R_2$ ,  $R_3$  and  $R_4$  independently of one another are hydrogen, halogen,  $R_6$ ,  $OR_6$  or  $SR_6$ ,  $R_5$  is hydrogen or linear or branched  $C_1$ - $C_{12}$ alkyl, benzyl or phenethyl, and  $R_6$  is an apolar group which is unsubstituted or substituted one or more times by halogen or by  $OC_1$ - $C_6$ alkyl, with the proviso that if  $R_5$  is hydrogen,  $R_1$ ,  $R_2$ ,  $R_3$  or  $R_4$  is  $R_6$ ,  $OR_6$  or  $SR_6$ .

- 2. A method according to claim 1, in which
- · a partially crystalline plastic,
- a pigment containing at least one each of groups --C-- and --N--, which are joined to O H one another as --C-N-- or are in conjugation with one another, and
- a colorant of the formula

$$R_3$$
 $N-R_5$  (I), in which  $R_2$ 

 $R_1$ ,  $R_2$ ,  $R_3$  and  $R_4$  independently of one another are hydrogen, halogen,  $R_6$ ,  $OR_6$  or  $SR_6$ ,  $R_5$  is hydrogen or linear or branched  $C_1$ - $C_{12}$ alkyl, benzyl or phenethyl, and  $R_6$  is an apolar group which is unsubstituted or substituted one or more times by halogen or by  $OC_1$ - $C_6$ alkyl, with the proviso that if  $R_5$  is hydrogen,  $R_1$ ,  $R_2$ ,  $R_3$  or  $R_4$  is  $R_6$ ,  $OR_6$  or  $SR_6$ ,

are injection moulded.

## 3. A composition comprising

• a pigment containing at least one each of the groups --C-- and --N--, which are joined to one another as --C-N-- or are in conjugation with one another, and

 $R_1$ ,  $R_2$ ,  $R_3$  and  $R_4$  independently of one another are hydrogen, halogen,  $R_6$ ,  $OR_6$  or  $SR_6$ ,  $R_5$  is hydrogen or linear or branched  $C_1$ - $C_{12}$ alkyl, benzyl or phenethyl, and  $R_6$  is an apolar group which is unsubstituted or substituted one or more times by halogen or by

OC<sub>1</sub>-C<sub>6</sub>alkyl, with the proviso that if R<sub>5</sub> is hydrogen, R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub> or R<sub>4</sub> is R<sub>6</sub>, OR<sub>6</sub> or SR<sub>6</sub>.

- 4. A composition according to claim 3, which is a colorant composition consisting essentially of
- one or more pigments containing at least one each of groups --C-- and --N--, which

  O H

  are joined to one another as --C-N-- or are in conjugation with one another,
- one or more colorants of the formula (I), and
- if desired, one or more colorants selected from the group consisting of inorganic white, black and colour pigments, further organic colour pigments, and compounds of the

formula HN NH (Ia) and 
$$R_5$$
 N- $R_5$  (Ib), in which  $R_2$ 

 $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_4$  and  $R_5$  have the same meaning as in formula (I) according to claim 3.

- 5. A composition according to claim 3, additionally comprising an organic material, the total weight of pigments and other colorants being from 0.01 to 70% by weight based on the overall weight of pigments, other colorants and organic material.
- 6. A method according to claim 1, wherein in formula (I)  $R_1$  and  $R_2$  are  $OR_6$  or  $SR_6$  and  $R_3$  and  $R_4$  are hydrogen, or wherein  $R_1$  and  $R_2$  are hydrogen and  $R_3$  and  $R_4$  are  $OR_6$  or  $SR_6$ .
- 7. A composition according to claim 3, wherein in formula (I)  $R_1$  and  $R_2$  are  $OR_6$  or  $SR_6$  and  $R_3$  and  $R_4$  are hydrogen, or wherein  $R_1$  and  $R_2$  are hydrogen and  $R_3$  and  $R_4$  are  $OR_6$  or  $OR_6$  o
- 8. A method according to claim 1, wherein the pigment contains at least two each of groups

  O

  H

  --C-- and --N--

- 9. A composition according to claim 3, wherein the pigment contains at least two each of O H groups --C-- and --N-- .
- 10. A method according to claim 1, wherein, per part by weight of pigment, the amount of the colorant of the formula (I) is from 0.001 to 9 parts by weight.
- 11. A method according to claim 10, wherein, per part by weight of pigment, the amount of the colorant of the formula (I) is from 0.01 to 1 part by weight.
- 12. A method according to claim 11, wherein, per part by weight of pigment, the amount of the colorant of the formula (I) is up to 0.2 part by weight.
- 13. A composition according to claim 3, wherein, per part by weight of pigment, the amount of the colorant of the formula (I) is from 0.001 to 9 parts by weight.
- 14. A method according to claim 13, wherein, per part by weight of pigment, the amount of the colorant of the formula (I) is from 0.01 to 1 part by weight.
- 15. A method according to claim 14, wherein, per part by weight of pigment, the amount of the colorant of the formula (I) is up to 0.2 part by weight.
- 16. A method according to claim 1, wherein the partially crystalline plastic or the organic material is a homopolymer or a block or random copolymer or terpolymer of ethylene, propylene, butylene, styrene and/or divinylbenzene, a polyester, a polyamide or a thermoplastic ionomer.
- 17. A composition according to claim 5, wherein the partially crystalline plastic or the organic material is a homopolymer or a block or random copolymer or terpolymer of ethylene, propylene, butylene, styrene and/or divinylbenzene, a polyester, a polyamide or a thermoplastic ionomer.

18. A compound of the formula 
$$\begin{array}{c} R_{13} \\ HN \\ N-R_{15} \end{array}$$
 (III), in which  $\begin{array}{c} R_{13} \\ R_{14} \end{array}$ 

 $R_{11}$ ,  $R_{12}$ ,  $R_{13}$  and  $R_{14}$  independently of one another are hydrogen, halogen,  $R_{16}$ ,  $OR_{16}$  or  $SR_{16}$ ,  $R_{15}$  is linear or branched  $C_1$ - $C_{12}$ alkyl, benzyl or phenethyl, and  $R_{16}$  is an apolar group which is unsubstituted or substituted by halogen or  $OC_1$ - $C_6$ alkyl, wherein at least one of  $R_{11}$ ,  $R_{12}$ ,  $R_{13}$  or  $R_{14}$  is  $R_{16}$ ,  $OR_{16}$  or  $SR_{16}$ .

19. A method according to claim 8, wherein the pigment is a pigment of the formula

 $R_7$ ,  $R_8$ ,  $R_9$  and  $R_{10}$  independently of one another are hydrogen, halogen, cyano, carbamoyl,  $C_1$ - $C_4$ alkyl or phenyl.

20. A composition according to claim 9, wherein the pigment is a pigment of the formula

 $R_7$ ,  $R_8$ ,  $R_9$  and  $R_{10}$  independently of one another are hydrogen, halogen, cyano, carbamoyl,  $C_1$ - $C_4$ alkyl or phenyl.